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(57) Abstract:

PURPOSE: To effectively utilize ~~seaweeds and water weeds~~ containing rich nutrients required to plants as a fertilizer component by using a partially ashed seaweed or water weed and an adsorptive material as the main components.

CONSTITUTION: A fertilizer composed of an about 20-80%-ashed seaweed and/or water weed and an adsorptive material as the main components. As the above-mentioned adsorptive material, an inorganic

material such as zeolite, vermiculite, lime soil or vegetations or/and an organic material such as charcoal can be used. As the seaweed, *Posidonia australis* is preferably used. *Posidonia australis* is a kind of seaweed abundantly produced especially in the sea area around the Australian Continent and very rich in nutrients required to plants. *Posidonia australis* contains many kinds of essential minerals properly, e.g. about 3wt.% Mg, about 1wt.% B and about 20wt.% Ca in 30%-ashed state and this shows that *Posidonia australis* is rich in nutrients required for a fertilizer.

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